

NPDES Permit No. IL0033511
Notice No. JAR:15031801

Public Notice Beginning Date: **July 22, 2015**

Public Notice Ending Date: **August 21, 2015**

National Pollutant Discharge Elimination System (NPDES)
Permit Program

Draft Reissued NPDES Permit to Discharge into Waters of the State

Public Notice/Fact Sheet Issued By:

Illinois Environmental Protection Agency
Bureau of Water,
Division of Water Pollution Control
Permit Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
217/782-0610

Name and Address of Discharger:

Millstadt Rendering Company
3151 Cloverleaf School Road
Belleville, Illinois 62223

Name and Address of Facility:

Millstadt Rendering Company
3151 Cloverleaf School Road
Belleville, Illinois 62223
(St. Clair County)

The Illinois Environmental Protection Agency (IEPA) has made a tentative determination to issue a NPDES permit to discharge into the waters of the state and has prepared a draft permit and associated fact sheet for the above named discharger. The Public Notice period will begin and end on the dates indicated in the heading of this Public Notice/Fact Sheet. The last day comments will be received will be on the Public Notice period ending date unless a commentor demonstrating the need for additional time requests an extension to this comment period and the request is granted by the IEPA. Interested persons are invited to submit written comments on the draft permit to the IEPA at the above address. Commentors shall provide his or her name and address and the nature of the issues proposed to be raised and the evidence proposed to be presented with regards to those issues. Commentors may include a request for public hearing. Persons submitting comments and/or requests for public hearing shall also send a copy of such comments or requests to the permit applicant. The NPDES permit and notice number(s) must appear on each comment page.

The application, engineer's review notes including load limit calculations, Public Notice/Fact Sheet, draft permit, comments received, and other documents are available for inspection and may be copied at the IEPA between 9:30 a.m. and 3:30 p.m. Monday through Friday when scheduled by the interested person.

If written comments or requests indicate a significant degree of public interest in the draft permit, the permitting authority may, at its discretion, hold a public hearing. Public notice will be given 45 days before any public hearing. Response to comments will be provided when the final permit is issued. For further information, please call Jaime Rabins at 217/782-0610.

The plant has five "cookers" that are utilized to process dead animals and waste and scrap from meat slaughter and process facilities throughout Illinois and Missouri (SIC 2077). All wastewater is treated in a lagoon system consisting of three cells. Cell one is 0.25 acres in size and is aerated by blowers. Wastewater flows from cell one to parallel cells two (0.057 acres) and three (0.037 acres) through overflow structures. Wastewater is normally disposed of via evaporation and spray irrigation but in the event of excessive precipitation and/or an interruption in spray irrigation the facility maintains this NPDES Permit. Wastewater sources include rendering condensate, clean-up water, boiler blowdown, sanitary and stormwater. Plant operation results in an average discharge 0.002 MGD of rendering condensate, cleaning, boiler blowdown, sanitary, and stormwater from outfall 001.

Application is made for existing discharge(s) which is located in St. Clair County, Illinois. The following information identifies the discharge point, receiving stream and stream classifications:

Outfall	Receiving Stream	Latitude		Longitude		Stream Classification	Biological Stream Characterization
001	Unnamed Tributary of Prairie DuPont Creek	41° 50' 52"	North	89° 29' 56"	West	General Use	Not Rated

To assist you further in identifying the location of the discharge please see the attached map.

The stream segment receiving the discharge from outfall 001 is not listed as impaired on the draft 2014 Illinois Integrated Water Quality Report and Section 303(d) List.

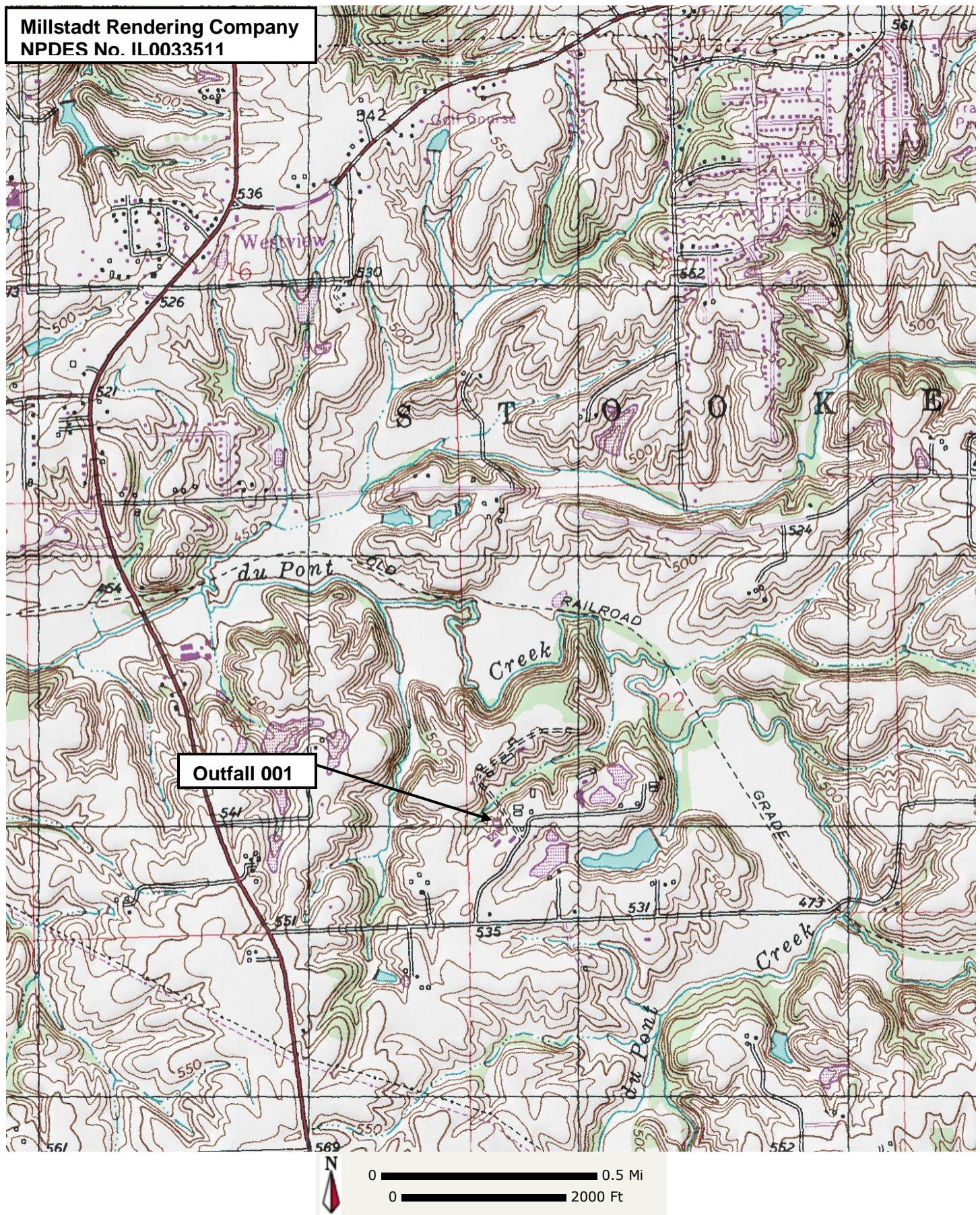
The discharge(s) from the facility shall be monitored and limited at all times as follows:

Outfall: 001 Rendering Condensate, Cleaning, Boiler Blowdown, Sanitary, and Stormwater (DAF = 0.002 MGD)

	LOAD LIMITS lbs/day			CONCENTRATION			
	DAF (DMF)			LIMITS mg/l			
PARAMETER	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	30 DAY AVERAGE	DAILY MAXIMUM	REGULATION	
Flow (MGD)							
pH						35 IAC 302.204	
BOD ₅				10	20	35 IAC 304.120(c)	
Total Suspended Solids				12	24	35 IAC 304.120(c)	
Oil and Grease				15	30	35 IAC 304.124	
Total Nitrogen				Monitor Only		35 IAC 309.146	
Total Phosphorus				Monitor Only		35 IAC 309.146	
Chloride				Monitor Only		35 IAC 309.146	
Fecal Coliform						35 IAC 302.209	
Ammonia (as N)				Weekly Avg.	Monthly Avg.	Daily Max	
Mar – May, Sep – Oct Jun – Aug Nov – Feb				6.3 5.7 N/A	2.5 2.3 4.0	12.4 15 5.7	35 IAC 302.212
Dissolved Oxygen				Weekly Avg. not less than	Monthly Avg. not less than	Daily Min.	
Mar – Jul Aug – Feb				6.0 4.0	N/A 5.5	5.0 3.5	35 IAC 302.206

The following explain the conditions of the proposed permit:

The special conditions clarify: flow reporting, temperature, total residual chlorine, monitoring location, discharge monitoring reports, reopener clause, no exposure.



NPDES Permit No. IL0033511

Illinois Environmental Protection Agency

Division of Water Pollution Control

1021 North Grand Avenue East

Post Office Box 19276

Springfield, Illinois 62794-9276

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Reissued (NPDES) Permit

Expiration Date:

Issue Date:

Effective Date:

Name and Address of Permittee:

Millstadt Rendering Company
3151 Cloverleaf School Road
Belleville, Illinois 62223

Facility Name and Address:

Millstadt Rendering Company
3151 Cloverleaf School Road
Belleville, Illinois 62223
(St. Clair County)

Discharge Number and Name:

001 Rendering Condensate, Cleaning, Boiler Blowdown,
Sanitary, and Stormwater

Receiving Waters:

Unnamed Tributary of Prairie DuPont Creek

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to discharge at the above location to the above-named receiving stream in accordance with the standard conditions and attachments herein.

Permittee is not authorized to discharge after the above expiration date. In order to receive authorization to discharge beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.

Alan Keller, P.E.
Manager, Permit Section
Division of Water Pollution Control

SAK:JAR:15031801

NPDES Permit No. IL0033511

Effluent Limitations and Monitoring

From the effective date of this permit until the expiration date, the effluent of the following discharge(s) shall be monitored and limited at all times as follows:

Outfall:001 Rendering Condensate, Cleaning, Boiler Blowdown, Sanitary, and Stormwater (DAF = 0.002 MGD)

PARAMETER	LOAD LIMITS lbs/day DAF (DMF)		CONCENTRATION LIMITS mg/l			SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVERAGE	DAILY MAXIMUM	30 DAY AVERAGE	DAILY MAXIMUM			
Flow (MGD)	See Special Condition 1					1/Week	
pH	See Special Condition 2					1/Month	Grab
BOD ₅			10	20		1/Month	Composite
Total Suspended Solids			12	24		1/Month	Composite
Oil and Grease			15	30		1/Month	Grab
Total Nitrogen			Monitor Only			1/Quarter*	Grab
Total Phosphorus			Monitor Only			1/Quarter*	Grab
Chloride			Monitor Only			1/Quarter*	Grab
Fecal Coliform	See Special Condition 3					1/Month	Grab
Ammonia (as N)			Weekly Avg.	Monthly Avg.	Daily Max		
Mar – May, Sep – Oct Jun – Aug Nov – Feb			6.3 5.7 N/A	2.5 2.3 4.0	12.4 15 5.7	1/Week	Grab
Dissolved Oxygen			Weekly Avg. not less than	Monthly Avg. not less than	Daily Min.		
Mar – Jul Aug – Feb			6.0 4.0	N/A 5.5	5.0 3.5	1/Week	Grab

*Quarterly sampling results shall be submitted with the March, June, September, and December DMRs.

Special Conditions

SPECIAL CONDITION 1. Flow shall be measured in units of Million Gallons per Day (MGD) and reported as a monthly average and a daily maximum value on the monthly Discharge Monitoring Report.

SPECIAL CONDITION 2. The pH shall be in the range 6.5 to 9.0. The monthly minimum and monthly maximum values shall be reported on the DMR form.

SPECIAL CONDITION 3. The daily maximum fecal coliform count shall not exceed 200 per 100 ml.

SPECIAL CONDITION 4. Samples taken in compliance with the effluent monitoring requirements shall be taken prior to entry into the receiving stream.

SPECIAL CONDITION 5. The Permittee shall record monitoring results on Discharge Monitoring Report (DMR) Forms using one such form for each outfall each month.

In the event that an outfall does not discharge during a monthly reporting period, the DMR Form shall be submitted with no discharge indicated.

The Permittee may choose to submit electronic DMRs (NetDMR) instead of mailing paper DMRs to the IEPA. More information, including registration information for the NetDMR program, can be obtained on the IEPA website, <http://www.epa.state.il.us/water/net-dmr/index.html>.

The completed Discharge Monitoring Report forms shall be submitted to IEPA no later than the 15th day of the following month, unless otherwise specified by the permitting authority.

Permittees not using NetDMR shall mail Discharge Monitoring Reports with an original signature to the IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

Attention: Compliance Assurance Section, Mail Code # 19

SPECIAL CONDITION 6. If an applicable effluent standard or limitation is promulgated under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act and that effluent standard or limitation is more stringent than any effluent limitation in the permit or controls a pollutant not limited in the NPDES Permit, the Agency shall revise or modify the permit in accordance with the more stringent standard or prohibition and shall so notify the permittee.

SPECIAL CONDITION 7. In the event that the permittee must request a change in the use of water treatment additives, the permittee must request a change in this permit in accordance with Standard Conditions - - Attachment H.

SPECIAL CONDITION 8. The Agency has determined that the effluent limitations for outfall 001 constitute BAT/BCT for storm water which is treated in the existing treatment facilities for purposes of this permit reissuance, and no pollution prevention plan will be required for such storm water. In addition to the chemical specific monitoring required elsewhere in this permit, the permittee shall conduct an annual inspection of the facility site to identify areas contributing to a storm water discharge associated with industrial activity, and determine whether any facility modifications have occurred which result in previously-treated storm water discharges no longer receiving treatment. If any such discharges are identified the permittee shall request a modification of this permit within 30 days after the inspection. Records of the annual inspection shall be retained by the permittee for the term of this permit and be made available to the Agency on request.

SPECIAL CONDITION 9. The use or operation of this facility shall be by or under the supervision of a Certified Class K operator.